

**SOLDERING FLUX VEHICLE ADDITIVE  
AND FINE PITCH PRINTING METHOD**

**ABSTRACT**

- 5 A lubricant additive which is a branched chain fatty alcohol or fatty acid containing a total of from 8 to 50 carbon atoms with a minimum of 4 carbon atoms being present in the shorter alkyl chain, or an ester thereof. The lubricant additive is especially adapted for inclusion in a non-aqueous flux vehicle that is mixed with a solder alloy powder to make a solder paste used in the manufacture of printed circuit boards.